

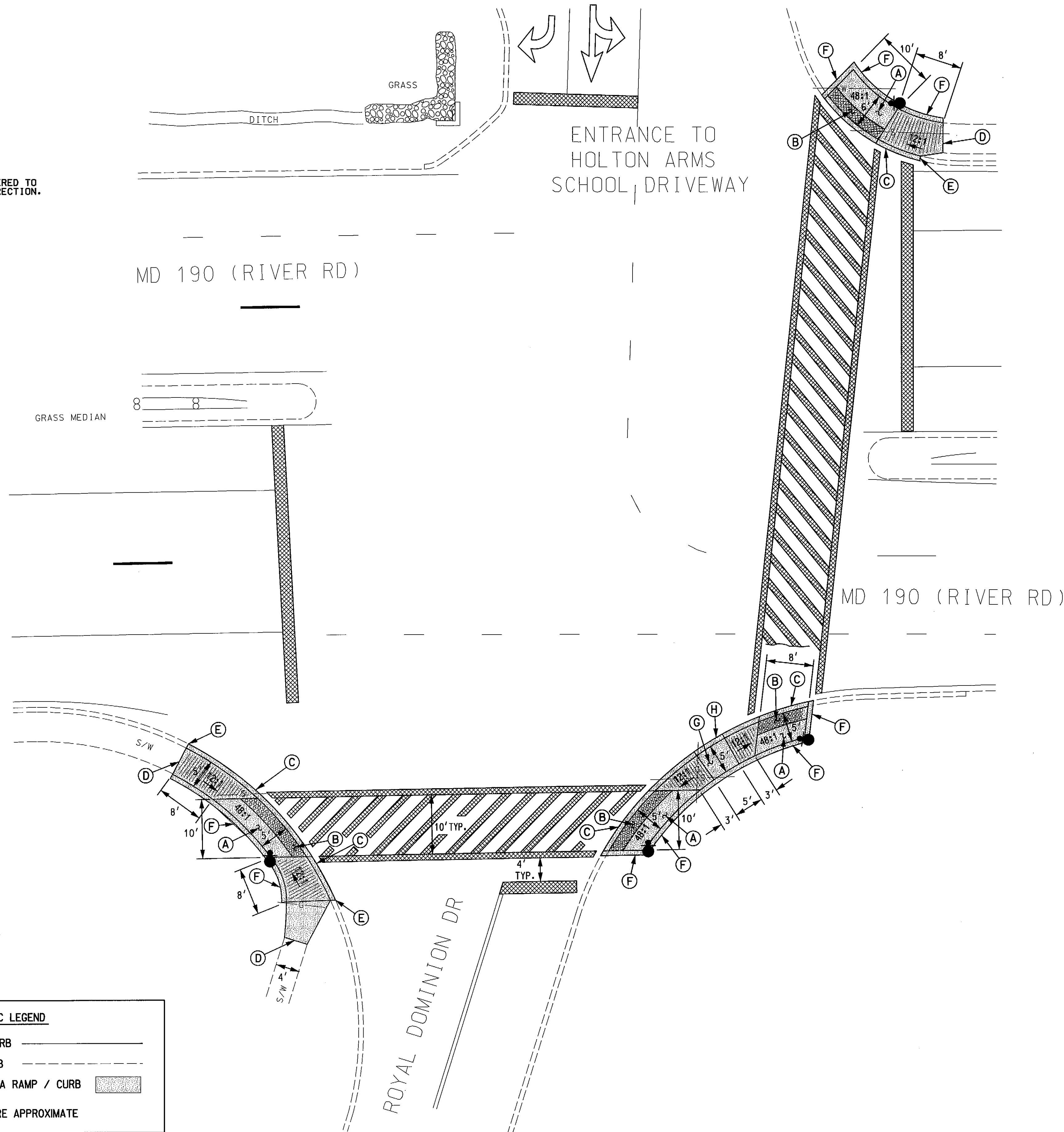
DRILL HOLES

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BORDER REV. DATE: JUNE 1, 2004

NOTE: MD 190 IS CONSIDERED TO RUN IN AN EAST-WEST DIRECTION.



APS NOTES:

1. Pushbuttons are to be located so that they can be activated by a person in a wheelchair reaching less than 18" from a 60" x 60" level landing area with a cross slope of less than or equal to 2%.
2. The 10' separation between pushbuttons is to be measured from face of pushbutton, not center to center of pole.
3. Pushbutton arrows are to be parallel to the crossing for which they are intended.
4. Location of accessible pedestrian signal pushbuttons must meet location requirements of MUTCD Sec. 4E.09 and Fig. 4E.2 and the NCHRP publication, "Accessible Pedestrian Signals: Guide To Best Practice". If not met, the contractor is to stop work on pushbutton locations until a design waiver is obtained, approved by the director, Office of Traffic and Safety.
5. APS will function as follows:

TO CROSS RIVER ROAD

- a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross River at Royal Dominion wait."
- b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

TO CROSS ROYAL DOMINION DRIVE

- a. When pedestrian locates and presses the pushbutton for an extended time, the pushbutton unit will announce the following message "Wait to cross Royal Dominion at River wait."
- b. When the WALK phase begins, the pushbutton unit will provide a rapid tick which will last for the duration of the WALK phase.

TOD NO: XX351-20
SHA NO: MO256A54/K54
MD 190 @ Royal Dominion/Holton
Arms School

CONSTRUCTION DETAILS

- A. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12).
- B. INSTALL DETECTABLE WARNING SURFACE (STANDARD NO. MD 655.40).
- C. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02).
- D. TIE IN RAMP WITH EXISTING SIDEWALK / CONCRETE APRON AT JOINT.
- E. TIE NEW CURB TO EXISTING CURB AT JOINT.
- F. INSTALL STANDARD TYPE "A" CURB.
- G. INSTALL 5" SIDEWALK AS SHOWN.
- H. INSTALL STANDARD TYPE "A" COMBINATION CURB AND GUTTER (3" HEIGHT) (STANDARD NO. MD 620.02).

GEOMETRIC LEGEND

PROPOSED SIDEWALK / CURB ———
EXISTING SIDEWALK / CURB - - - - -
PROPOSED SIDEWALK / ADA RAMP / CURB [Hatched Box]
NOTE:
SIDEWALK JOINTS ARE APPROXIMATE



SNA STATE OF MARYLAND DEPARTMENT OF TRANSPORTATION STATE HIGHWAY ADMINISTRATION	
MD 190 (RIVER ROAD) AND ROYAL DOMINION DRIVE/HOLTON ARMS SCHOOL BETHESDA, MD	
ADA RAMP DETAIL PLAN	
SCALE 1" = 10'	DATE 10-3-2011 CONTRACT NO. XX3515168
DESIGNED BY R R ZACHERL	COUNTY MONTGOMERY
DRAWN BY W J NIES	LOGMILE 15019011.96
CHECKED BY MF	TMS NO. K536
F.A.P. NO.	TOD NO.
TS NO. 1773D	DRAWING NO. 2 OF 3
SHEET NO. OF	